Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071519\
Data File : BG041650.D
Acq On : 15 Jul 2019 15:35
Operator : HP/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG071519

Quant Time: Jul 15 16:12:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 15:38:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	95700	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	407308	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	252023	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	586892	20.00	ng		0.00
76) Chrysene-d12	21.66	240	526182	20.00	ng		0.00
87) Perylene-d12	24.86	264	609009	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	483561	82.60	ng		0.00
7) Phenol-d6	7.19	99	639151	81.17	ng		0.00
23) Nitrobenzene-d5	9.20	82	572667	85.50	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	236542	83.28	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	1320942	81.16	ng		0.00
79) Terphenyl-d14	20.01	244	1954414	86.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	115036	41.374	ng		99
3) Pyridine	3.90	79	315946	42.570	ng		100
4) n-Nitrosodimethylamine	3.81	42	139480	40.695	ng		98
6) Aniline	7.37	93	423797	40.046	ng		97
8) 2-Chlorophenol	7.61	128	268150	40.461	ng		100
9) Benzaldehyde	7.18	77	197583	40.991	ng		97
10) Phenol	7.22	94	336197	40.526	ng		99
11) bis(2-Chloroethyl)ether	7.46	93	267584	39.938	ng		99
12) 1,3-Dichlorobenzene	7.94	146	320706	40.555	ng		99
13) 1,4-Dichlorobenzene	8.09	146	318550	40.224	ng		99
14) 1,2-Dichlorobenzene	8.40	146	301315	40.355	ng		97
15) Benzyl Alcohol	8.28	79	252769	40.322	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	555004	39.976	ng		99
17) 2-Methylphenol	8.48	107	231946	40.429	ng		98
18) Hexachloroethane	9.14	117	114857	39.597	ng		97
19) n-Nitroso-di-n-propylamine	8.86	70	232019	40.315	ng		99
20) 3+4-Methylphenols	8.80	107	317873	40.432	ng		98
22) Acetophenone	8.87	105	403696	40.694	ng	#	97
24) Nitrobenzene	9.25	77	306891	42.005	ng		100
25) Isophorone	9.77	82	601081	40.986	ng		98
26) 2-Nitrophenol	9.96	139	137763	41.771	ng		98
27) 2,4-Dimethylphenol	10.02	122	233857	40.302	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	372275	41.186	ng		99
29) 2,4-Dichlorophenol	10.50	162	270239	40.848	ng		99
30) 1,2,4-Trichlorobenzene	10.72	180	313745	40.390	ng		98
31) Naphthalene	10.91	128	827540	41.269	ng		98
32) Benzoic acid	10.14	122	169041	39.579	ng		94
33) 4-Chloroaniline	11.00	127	375736	40.622	ng		99
34) Hexachlorobutadiene	11.20	225	204535	40.967	ng		99
35) Caprolactam	11.77	113	102086	41.981	ng		95
36) 4-Chloro-3-methylphenol	12.12	107	286534	41.342	ng		98
37) 2-Methylnaphthalene	12.51	142	633426	41.346	ng		100
38) 1-Methylnaphthalene	12.73	142	600474	41.113	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	342206	39.641	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	192690	39.459	ng		99
43) 2,4,6-Trichlorophenol	13.11	196	231504	41.272	ng		98
44) 2,4,5-Trichlorophenol	13.17	196	244667	41.400	ng		95
46) 1,1'-Biphenyl	13.51	154	770413	40.803	ng		98
47) 2-Chloronaphthalene	13.55	162	636375	40.441	ng		99
48) 2-Nitroaniline	13.74	65	198175	43.255	ng		99
49) Acenaphthylene	14.39	152	1003334	40.843	ng		98
50) Dimethylphthalate	14.13	163	811800	41.013	ng		98
51) 2,6-Dinitrotoluene	14.23	165	181992	43.347	ng		97
52) Acenaphthene	14.74	154	630737	40.744	ng		99
53) 3-Nitroaniline	14.56	138	196346	42.841	ng		96
54) 2,4-Dinitrophenol	14.76	184	76895	40.467	ng		96
55) Dibenzofuran	15.07	168	958227	41.249	ng		97
56) 4-Nitrophenol	14.85	139	158234	42.644	ng		98
57) 2,4-Dinitrotoluene	15.01	165	246281	44.376	ng		97
58) Fluorene	15.71	166	767466	40.602	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	228955	41.964	ng		99
60) Diethylphthalate	15.48	149	817002	40.972	ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	428878	40.139	ng		99
62) 4-Nitroaniline	15.72	138	208861	42.969	ng		99
63) Azobenzene	16.00	77	737400	40.903	ng		97
65) 4,6-Dinitro-2-methylphenol	15.78	198	109153	40.405	ng		98
66) n-Nitrosodiphenylamine	15.92	169	710146	41.204	ng		98
67) 4-Bromophenyl-phenylether	16.60	248	284430	40.730	ng		99
68) Hexachlorobenzene	16.72	284	284027	40.390	ng		98
69) Atrazine	16.86	200	250264	40.013	ng		99
70) Pentachlorophenol	17.05	266	190609	43.351	ng		98
71) Phenanthrene	17.45	178	1235332	41.796	ng		96
72) Anthracene	17.54	178	1237779	42.014	ng		96
73) Carbazole	17.80	167	1149352	42.065	ng		98
74) Di-n-butylphthalate	18.38	149	1384242	41.537	ng		97
75) Fluoranthene	19.45	202	1484159	40.895	ng		95
77) Benzidine	19.62	184	716871	38.250	ng		98
78) Pyrene	19.81	202	1477909	41.529	ng		93
80) Butylbenzylphthalate	20.70	149	633778	42.857	ng		98
81) Benzo(a)anthracene	21.64	228	1433053	42.153	ng		95
82) 3,3'-Dichlorobenzidine	21.55	252	554922	41.480	ng		99
83) Chrysene	21.71	228	1369417	42.155	ng		95
84) Bis(2-ethylhexyl)phthalate	21.57	149	886283	42.447	ng		96
85) Di-n-octyl phthalate	22.78	149	1527320	42.953	ng		98
86) Indeno(1,2,3-cd)pyrene	28.51	276	1748281	40.787	ng	#	93
88) Benzo(b)fluoranthene	23.85	252	1535835	41.575	ng		97
89) Benzo(k)fluoranthene	23.92	252	1450950	42.388	ng		97
90) Benzo(a)pyrene	24.71	252	1452677	41.563	ng		98
91) Dibenzo(a,h)anthracene	28.58	278	1401777	41.365	ng		99
92) Benzo(g,h,i)perylene	29.65	276	1398726	41.187	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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